

previously published papers by the same author. Thus this paper concludes definitely the past period of Dr. Rusby's activity, and we look forward to the new specimens and the new observations to be brought us from his projected extensive South American journey of 1921.

PROCEEDINGS OF THE CLUB

The meeting of May 11 was held at the American Museum of Natural History.

J. C. Nelson was elected to membership.

The special program of the evening consisted of an illustrated lecture on Dahlias by Dr. Marshall A. Howe. The speaker sketched the early history of the dahlia referring to its introduction into Europe from Mexico in 1789. A series of lantern slides showed dahlias in their native haunts in Mexico and Guatamala and numerous modern varieties under cultivation at the New York Botanical Garden and elsewhere. The best methods of cultivation and propagation were discussed. The main substance of the discussion may be found in an article published by the speaker in the *Journal of the Horticultural Society of New York* for February, 1919.

MEETING OF MAY 26

The meeting was held at the Morphological Laboratory of the New York Botanical Garden.

The following were elected to membership in the club: Ira W. Clokey, Frederick Dawson, George A. King, Miss Dorothy Oak, and Charles P. Smith.

The secretary announced the death on April 23 of Miss Mary S. Andrews, a member of the club, and read the following article of her will: "I give and bequeath unto the Torrey Botanical Club, a corporation organized and existing under the laws of the state of New York, the sum of one thousand dollars (\$1,000) to be used by it in such research work as from time to time shall seem advisable to a majority of the then board of trustees of the Club."

The first part of the scientific program was by Dr. John K. Small, "Notes on a Recent Trip to Florida." The second item of the program was a preliminary report of a trip to Trinidad by Dr. N. L. Britton, illustrated by interesting specimens, including the fruits of various tropical trees, shrubs and vines and a series of fossil leaves from a bed of plant remains sixty feet thick. Dr. Liberty Hyde Bailey then gave an entertaining and instructive account of his recent experiences in travelling and botanizing in China.

MEETING OF OCTOBER 12

The meeting was held in the botanical laboratory of Schermerhorn Hall, Columbia University.

The following were elected to membership: Miss Eliza Frances Andrews, Prof. Forman T. McLean, H. Nordheim, G. G. Orphal, H. E. Piaget, Dr. W. A. Setchell, Wilhelm Suksdorf, Raymond H. Torrey, Mrs. Arthur E. Sproul.

The evening's program consisted of short reports by members of their botanical experiences during the summer. Prof. R. A. Harper spoke of his experiments in growing various sorts of maize. Dr. J. A. Harris told of his explorations in Utah and of the study of the osmotic concentration of cell-sap of desert plants. Dr. Michael Levine had continued his investigations of crown-gall, this year obtaining interesting results with beets. Dr. B. O. Dodge told of his culture of various parasitic fungi, and Mr. Alexander Gershoy of his studies of cleistogamy in violets. Dr. Alfred Gundersen had been in the Catskills and noted the contrast in vegetation on different slopes. The president of the club had been in Bermuda, and the secretary in Texas and the Pocono region of Pennsylvania. The fullest report was by Dr. T. E. Hazen. In the spring he was with Dr. Britton's party in Trinidad, but he told us chiefly of his visit during the summer to northern Europe, especially to Norway. Two of his most unexpected results were the obtaining of the organism causing "red snow" in Norway and the discovery of a new and interesting species of the same family in the vicinity of London.